



# Solar System

## Simplicity – AT9312111

Drawing AT9312111 shows how simply a remote solar system can be assembled using the Energy Monitor II, H1. Solar panels charge the house bank under control of the EMON II. The solar panels are controlled by a relay that connects and disconnects the solar panels according to limits programmed into the EMON II.

### Load Control

The EMON II also controls load devices, disconnecting and

connecting them at programmed capacity limits. For instance, an irrigation pump can be turned off at a selected low capacity remaining and back on again when the battery capacity returns to a selected value.

### Temperature Compensation

Since the EMON II is fully programmable, and includes temperature compensation for voltage and battery capacity, a superior control system results. Normal solar panels controllers and load disconnect devices sense voltage only, not capacity. They normally don't have temperature compensation either.

